May 2019
GALTtraffic

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Coming UP:
Young Eagles May 11!

Upgrading Your Avionics

A Recap of Our April Gathering

When the announcements were completed, EAA932 member, Marty Papanek stepped up to present the main program on Avionics Upgrading. Marty is a retired FAA Aircraft Certification Engineer and one of five new partners in a 1976 Piper Archer.

With the ADS-B mandate as an impetus, the partners decided that it was a good time to update the Archer's panel which was a collection of older, somewhat unreliable and sometimes non-working avionics. It had a clock that no longer functioned, a turn coordinator that seemed overly sensitive, a glide slope flag that decided to go on permanent display, a non-working ADF, and a perfectly good Loran that was simply an artifact from another time.

As a retired government employee, Marty quipped that his financial resources differed slightly from his still-working, airline pilot partners. While they were inclined to turn the Archer into a Piper Airbus, he became the voice of reason. Beyond the cost factor, the panel has a limited amount of real estate to work with. Much like a marriage, compromise was sometimes necessary. When occasional differences of opinion arose, they reached a final determination with a simple vote.

The realization dawned that AirVenture would be the perfect place

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Upgrading Your Avionics continued...

The Ray Scholarship

At EAA Chapter 932's recent monthly gathering, Secretary Paul Sedlacek introduced our first ever Ray Scholarship recipient to the membership. 17-year-old Jeff Boyack, thanked the members, EAA, and JB Aviation for the opportunity to further his education in all things flying. Our own Kurt Guillan, who came up thru Young Eagles and is now a pilot himself, has volunteered to mentor Jeff throughout his training. Kurt offered his own appreciation, stating that that there isn't a better aviation community than the one we have at Galt Airport.

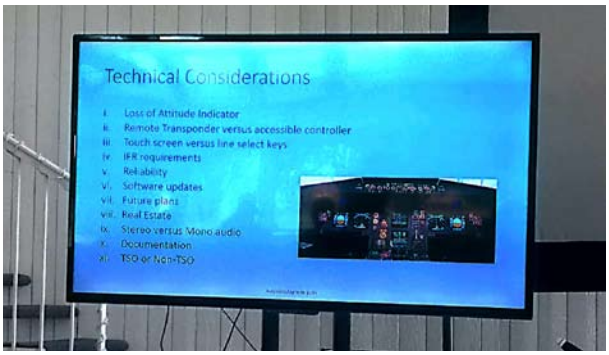
I think we would all agree with you, Kurt.

EAA932 Mentor, Kurt Guillan with Ray Scholarship Recipient, Jeff Boyack.

Jeff and his proud family.

to do preliminary research. It offered access to most of the avionics manufacturers in one place, making it something of a perfect storm of comparison shopping, an opportunity to drool over pilot guides that glowingly described what they ***could*** do. Marty said, however, "Common sense and a POH eventually told us what we ***should*** do."

STCs and TSO's had to be researched and considered. In layman's terms, an STC (Supplemental Type Certificate) provides the FAA's official approval and guidance to make changes to an aircraft that might affect its safety or flight characteristics, while a TSO (Technical Standard Order) serves as a kind of guarantee that a component has been manufactured to specific quality and performance standards.

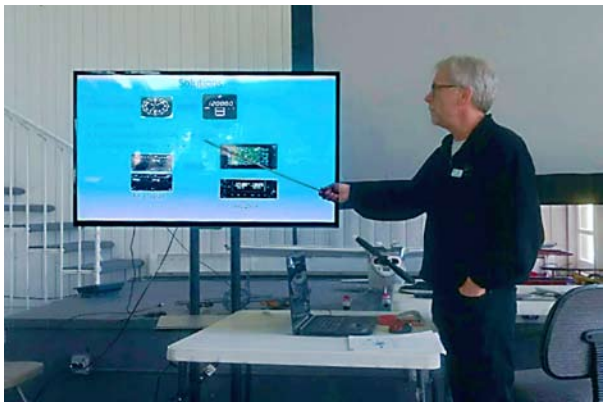


Because of the testing necessary for a manufacturer to earn a TSO, equipment that has gone through that process costs more than a non-TSO item. While it isn't necessary for all equipment, it offers the piece-of-mind that a recognized standard has been met. This is more relevant to certified aircraft like the Piper than it is to non-certified experimental aircraft. It can also affect an aircraft's insurance rating.

When shopping for avionics, Marty strongly recommends that buyers investigate all records for reliability and compatibility between various components to avoid any costly or potentially hazardous surprises.

With these thoughts in mind, the partners prioritized the most urgent needs of the Piper, allocating coveted items, like autopilots and engine monitors, to future goals.

During the process, they experienced some pleasant surprises. Replacing the old attitude and heading indicator with a modern electronic unit will permit the removal of the vacuum pump and the problematic vacuum system. More efficient LED's will replace higher-draw incandescent bulbs. A mount for a removable iPad will be installed in the panel rather than being clamped to the yolk where it interferes with the view of certain instruments and changes the feel of the controls, particularly during landing. Also, several of the standard "six-pack" of instruments are incorporated onto one screen, eliminating the frequent need to scan the panel. There are also the safety benefits that come with the addition of the federally mandated ADS-B In/Out. Overall, the new avionics offer better situational awareness.



When it comes to finding a facility to do the work, Marty

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Upgrading Your Avionics continued...

Click here for more information on the use of non-TSO equipment

recommends getting recommendations from people who have used those shops. Get multiple quotes from several competent shops known for doing quality work. Check their availability and time frames required to do the modifications. Be sure that the shop will provide you with all documentation, including manuals, supplements and wiring diagrams. Also, new weight and balance statistics will have to be determined.

If the facility is some distance away or out-of-state, think about how you'll be getting the airplane there and back, and check your insurance if someone else will be flying it.

You might also find that sales tax on the new components varies considerably between states. Adding 8% to an already expensive undertaking only increases the financial pain, and it may not be necessary.

Marty indicated that the partners are equally dividing the total cost for the Archer's updated avionics, an obvious benefit of shared ownership. The new equipment increases the overall value of the airplane and is reflected in the insurance. However, he warns, in the event of a loss, insurance will cover only the cost of that equipment, not the installation/ labor fees that were involved.

Ultimately, when it comes to upgrading avionics, Marty fervently recommends, "Research...research...research. The more research you do, the better decisions you'll make."

EAA932 hosts the APA/ALPA Family Appreciation Pancake Breakfast

At the April Gathering, Eric Rehm passed around a sign-up sheet for volunteers to help with the pancake breakfast that EAA 932 hosts a pancake breakfast for the pilot unions of both **American Airlines** and **United Airlines**. Eric is coordinating the volunteer effort for this well attended event.

If you can lend a hand on **May 25th** from 9 am to 12 noon, please contact Eric at **847-372-7686.**

EAA Chapter 932 Calendar

May 11: Young Eagles Rally

May 25: APA/ALPA Fly-in and Family Breakfast

June 15: Barnstormer's Day!

July 13: Young Eagles Rally

Aug 10: Chapter Gathering - TBD

Sept. 14: Chapter Gathering - TBD

Oct 5: Planes 'n Puppies

Oct 12: Chapter Gathering - TBD

Nov 9: Chapter Gathering - TBD

The President's Page

Arnie Quast, President, EAA Chapter 932

Greetings EAA 932 Members,

Welcome to Spring in Northern Illinois! As I started writing this report, Wonder Lake was having several inches of snowfall. This is the winter weather season that surely does not want to let go! Not to worry, our warm weather flying season will soon be here, along with lots of fun stuff to do at the airport.

This past month was marked by another well-attended chapter gathering. Marty Papanek did a great presentation for us, speaking about avionics upgrades. Thanks Marty! We appreciate your time and effort for bringing such good information to our chapter members. Also, a big thanks to Bill Tobin for coordinating the delicious lunch that was served after the gathering.

McHenry West High School Aviation Forum

On April 17th, I was invited to take part in an aviation panel discussion at McHenry West High School, speaking to students about careers in aviation. I was in good company for this event. American Airlines Flight Attendant, Kevin Falco, retired United Airlines Captain, Ed Wevik, Skywest First Officer, Brad Delisle, and general aviation pilot, Jim Vyduna, also took part in the discussion. It was refreshing to see how many students had such a broad interest in aviation. They asked great questions! I encouraged them to check out some of the great aviation events, including Young Eagles flights, right in their backyard at Galt Airport.

Volunteers Needed!

In the next few weeks, there will be a few events taking place that will require an "all-hands-on deck" effort from our chapter. On May 11th, we will host our first Young Eagles Rally of the year. Pilots and ground support crew will be needed to make this event successful. Please contact Daniela Knoll at 262-716-6025 if you are able to help.

On May 25th from 9 am to 12 noon, we will once again be hosts to a pancake breakfast for the pilot unions of both American Airlines and United Airlines. The two pilot groups provide a generous donation to our chapter in exchange for us hosting this event. Eric Rehm is coordinating the volunteer effort for this well attended event. If you can come out and lend a hand, please contact Eric at 847-372-7686.

Our major event of the year is just around the corner! Barnstormer Day 2019 will take place on Saturday June 15th from 8:00 am to 2:00 pm. We will be making phone calls to everyone in the chapter over the next few weeks to recruit help. This is the biggest fundraiser of the year for our chapter, and

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Young Eagles Coordinator: Daniella Knoll
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Editor: Jerry Thomas
editor@eaa932.org

Ray Scholarship Funded

I am extremely excited about our chapter having been selected to administer one of the **Ray Aviation Scholarships** through EAA. The first portion of our Ray Scholarship has already b aeen funded from EAA. It will be fun to watch Jeff Boyack progress through his flight training in the coming months. Please join in the excitement of supporting Jeff as he works on his private pilot certificate in the next few months.

The President's Page continued...

The EAA 932 Scholarship Committee

Scholarship Committee Coordinator
Deena Schwartz

Young Eagles Coordinator
Daniela Knoll

General/Scholarship Fund Treasurer
Justin Thuma

Nomination/Applications Advisor
Justin Cleland, JB Aviation

Nomination /Applications Advisor
Ron Friend, JB Aviation

Scholarship Advisor At Large
Beth Rehm

one of the most fun events that we have on our calendar. Please consider helping out for a few hours during the event. Contact Paul Sedlacek at 847-254-7480 for more information to volunteer.

Upcoming EAA Events Around Chicagoland

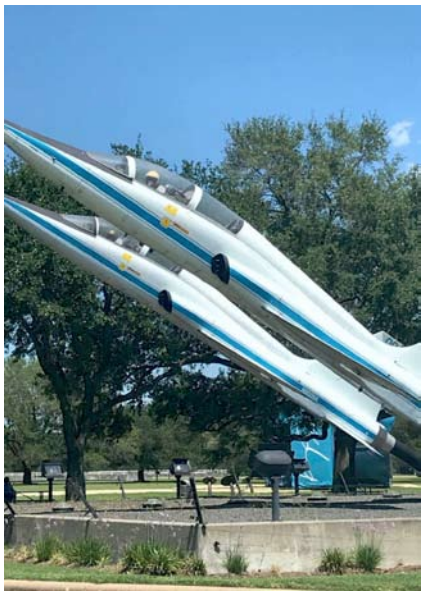
In this issue of Galt Traffic, we have posted a schedule of events for most of the EAA chapters in the surrounding area. EAA 932 Chapter member, Beth Rehm, took the time to put together this schedule of events after the Chicago Area Leadership Meeting that took place in February. Thank you, Beth, for all the work you put into compiling this information. I highly encourage all members to support our nearby chapters in their events as well as ours. There is always a great excuse to fly or drive out to a good pancake breakfast, or to support another chapter that may need more pilots for their Young Eagles Rally.

Final Thoughts....

As we ease into May, and the spring flying season, I do hope to see everyone around the airport and at our chapter events. Thanks to all of you who help make Galt Airport such a great aviation community!

Fly safe!

Arnie



Keep the photos coming!
Send your submissions to
editor@eaa932.org

It is with great pride and a complete lack of decorum that Galt Traffic once again presents

Planes on Posts

Today's twofer comes to us from our own Eric Rehm. These twin T-38s strike a pose just outside the Johnson Space Center in Houston, TX, where a Space Shuttle can also be seen atop a 747. If you don't accept the 747 as an actual "post," take it up with those pilots in the T-38s. *(Go ahead, take a closer look...)*

Galt Airport Contact Info

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Illinois 60097

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flywithjb.com

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dsonday905@aol.com

Airport Manager
Justin Cleland
815-648-2433
justin@flywithjb.com

Director of Maintenance
Brian Spiro
815-648-2642
maintenance@flywithjb.com

Office
Rebekah Busse
815-648-2433
rebekah@flywithjb.com

Airport Business Hours
8AM to 5PM
Monday thru Sunday

JB Aviation Flight School

Congratulations to Stephanie McClellan! She flew her first solo flight on April 16, 2019.

Pictured here with her CFI, Josh Cramer.

FLYwith JB.COM

Congratulations to Dave Schmitt! He's been very busy flying. He earned his **Commercial Pilot License** on March 28, 2019. He earned his **Certified Flight Instructor** rating on April 14th and his **Certified Flight Instructor Instrument** rating on April 28th.

Up Next: Young Eagles - May 11!

EAA Chapter 932 has a bunch of great events sheduled during this year and our Young Eagles event is one or the best ways of introducing young people to aviation. We can't do it without your help and participation. Lend a hand and make a difference!

Pilots and ***ground support crew*** will be needed to make this event successful. Please contact **Daniela Knoll** at **262-716-6025** if you are able to help.

This is your invitation to get involved, meet the greatest folks around and help share the spirit of aviation!

Galt Traffic is published monthly on www.eaa932.org and also electronically distributed in PDF format to approximately 800 readers. You can download current and past issues from the chapter website at www.eaa932.org/newsletters.html. To be added to or removed from the distribution list, please contact editor@eaa932.org.

EAA Chapter 932 is a local chapter of the **Experimental Aircraft Association (EAA)** based at Galt Airport (10C) in Greenwood/Wonder Lake, Illinois. Established in 1989, we are a 501(c)(3) corporation and a registered charity in the State of Illinois (CO#01065208)

EAA (www.eaa.org) is an international organization of members with a wide range of aviation interests, including vintage aircraft, aerobatics, warbirds and amateur builders. EAA Chapter 932 meetings are usually held at Galt Airport on the second Saturday of the month. Check our website for more information about the chapter and events and activities at www.eaa932.org or on Facebook at www.facebook.com/pages/galt-airport-young-eagles/116543021696619

Saturday May 11th, 2019

FREE AIRPLANE RIDES

FOR KIDS

8-17 yrs. of age

Sponsored by EAA Chapter 932.
Parent or legal guardian must be present for a child to receive a ride. For more information visit EAA932.org

9 AM to 1 PM

GALT AIRPORT

5112 Greenwood Road, Greenwood, IL 60097

June 15

Saturday
8 AM 'til 2 PM

EAA Chapter 932 presents

Barnstormer's Day

Free Parking
•
Free Admission

Fly-in/Drive-in Breakfast

Vintage Vehicles • Music • Food • Fun!

Bring the Family!

Galt Airport

5112 Greenwood Rd. • Greenwood, IL

www.eaa932.org/events

2019 Calendar

EAA Chapter Events in the Chicago Area

www.eaa241.org

www.eaa22.org

www.facebook.com/groups/1564109017113000/

1414.eaachapter.org

www.eaa15.org

www.eaa101.org

790.eaachapter.org

May

3 to 5 - Chapter 22 B-17 Rides at Rockford Airport (KRFD)
4 - Chapter 790 Young Eagles Rally, 8:30am to Noon at Lake in the Hills (3CK)
4 - Chapters 22 and 1414 Young Eagles Rally at Rockford Airport (KRFD)
4 - Chapter 414 Young Eagles Rally at Stick and Rudder, Waukegan (KUGN)
5 - Chapter 22 Pancake Breakfast at Cottonwood Airport (1C8)
11 - Chapter 932 Young Eagles Rally from 9am to 1pm at Galt Airport (10C)
11 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)
11 - Chapter 461 Young Eagles Rally at Bolingbrook's Clow Airport (1C5)
12 - Chapter 1414 Young Eagles/Pancake Breakfast at Poplar Grove (C77)
18 - IAC Giles Henderson Memorial Challenge, Salem-Leckrone Airport (KSLO)
18 - Chapter 790 Fly-out for aerobatic demos at Salem Leckrone Airport (KSLO)
19 - Chapter 579 Young Eagles Rally, 9am to 1pm at Aurora Municipal (KARR)

June

1 - Chapter 414 Young Eagles Rally at Skill Aviation, Waukegan (KUGN)
1 - Chapter 790 Young Eagles Rally, 8:30 to Noon at Lake in the Hills (3CK)
1 and 2 Cavalcade of Planes/Ford Trimotor at Bolingbrook's Clow Airport (1C5)
1 - Chapter 241 Young Eagles Rally at DeKalb Airport (KDKB)
2 - Chapter 241 Pancake Breakfast at DeKalb Airport (KDKB)
8 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)
8 - Chapter 95 Young Eagles Rally from 9am to 2pm at Morris Airport (C09)
9 - Chapter 1414 Young Eagles/Pancake Breakfast at Poplar Grove (C77)
8 - Chapter 461 Young Eagles Rally at Bolingbrook's Clow Airport (1C5)
15 - Barnstormer's Day Fly-in/Drive-in from 8am to 2pm at Galt Airport (10C)
16 - Chapter 153 Father's Day Pancake Breakfast, 8-12 at Schaumburg (06C)
22 - Chapter 15 Poker Run/BBQ at Romeoville's Lewis Airport (KLOT)
23 - Chapter 579 Young Eagles Rally, 9am to 1pm at Aurora Municipal (KARR)
30 - Chapter 790 Pancake Breakfast, 8am to Noon at Lake in the Hills (3CK)

July

6 - Chapter 790 Young Eagles Rally, 8:30 to Noon at Lake in the Hills (3CK)
12 - Chapter 95 Ice Cream Social at Morris Airport (C09)
14 - Feast Outdoors Foraging Walk (reservations required) at Galt Airport (10C)
13 - Chapter 414 Young Eagles Rally at Kenosha Airport (KENW)
13 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)
13 - IAC Michigan Aerobatic Open, Bay City, Michigan (3CM)
13 - Chapter 461 Young Eagles Rally at Bolingbrook's Clow Airport (1C5)
14 - Chapter 1414 Young Eagles/Pancake Breakfast at Poplar Grove (C77)

Visit the chapter websites for more information about each event.

2019 IAC Contest Calendar; www.IAC.org/contests

warbirdsquadron4.org

www.eaa579.org

GALT AIRPORT
www.eaa932.org

www.eaa95.org

www.eaa838.org

www.eaa461.org

www.eaa153.com

414.eaachapter.org

2019 Calendar

EAA Chapter Events in the Chicago Area

www.eaa241.org

www.eaa22.org

www.facebook.com/groups/1564109017113300/

1414.eaachapter.org

www.eaa15.org

www.eaa101.org

790.eaachapter.org

August

3 - IAC Doug Yost Challenge, Spencer Municipal Airport, Spencer, Iowa (KSPW)
3 - Chapter 790 Young Eagles Rally, 8:30 to Noon at Lake in the Hills (3CK)
10 - Chapter 22 Young Eagles/Open House, 9-3 at Cottonwood Airport (1C8)
10 - Chapter 414 Young Eagles Rally at Kenosha Airport (KENW)
10 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)
10 - Chapter 461 Young Eagles Rally at Bolingbrook's Clow Airport (1C5)
11 - Chapter 1414 Young Eagles/Pancake Breakfast at Poplar Grove (C77)
15 to 18 - EAA's B-17 "Aluminum Overcast" rides at Waukegan Airport (KUGN)
18 - Chapter 241 Young Eagles Rally at DeKalb Airport (KDKB)
25 - Chapter 579 Young Eagles Rally, 9am to 1pm at Aurora Municipal (KARR)

September

7 - Chapter 790 Young Eagles Rally, 8:30 to Noon at Lake in the Hills (3CK)
8 - Chapter 1414 Young Eagles/Pancake Breakfast at Poplar Grove (C77)
14 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)
14 - Chapter 95 Young Eagles Rally from 9am to 2pm at Morris Airport (C09)
14 - Chapter 461 Young Eagles Rally at Bolingbrook's Clow Airport (1C5)
15 - Chapter 241 Pancake Breakfast at Hinckley Airport (0C2)
21 - Chapter 414 Young Eagles Rally at Stick and Rudder, Waukegan (KUGN)
22 - Chapter 579 Young Eagles Rally, 9am to 1pm at Aurora Municipal (KARR)
28 - Chapter 790 Fly-out for astronomy night at Havana, IL (9I0)

October

5 - Chapter 932 Planes and Puppies, 9am to 1pm at Galt Airport (10C)
5 - Chapter 22 Fall Fly-in/Drive-in lunch 11-2 at Cottonwood Airport (1C8)
5 - Chapter 241 USO Hangar Dance (KDKB)
5 - Chapter 790 Young Eagles Rally, 8:30 to Noon at Lake in the Hills (3CK)
12 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)
12 - Chapter 461 Young Eagles Rally at Bolingbrook's Clow Airport (1C5)
13 - Chapter 1414 Young Eagles/Pancake Breakfast at Poplar Grove (C77)
19 - Chapter 790 Christian Eagle shop visit at Schaumburg (06C) hangar #0311
27 - Chapter 579 Young Eagles Rally, 9am to 1pm at Aurora Municipal (KARR)

November

9 - Chapter 838 Young Eagles Rally at Batten International Airport (KRAC)

Visit the chapter websites for more information about each event.

2019 IAC Contest Calendar; www.IAC.org/contests

warbirdsquadron4.org

www.eaa579.org

GALT AIRPORT
www.eaa932.org

www.eaa95.org

www.eaa838.org

www.eaa461.org

www.eaa153.com

414.eaachapter.org